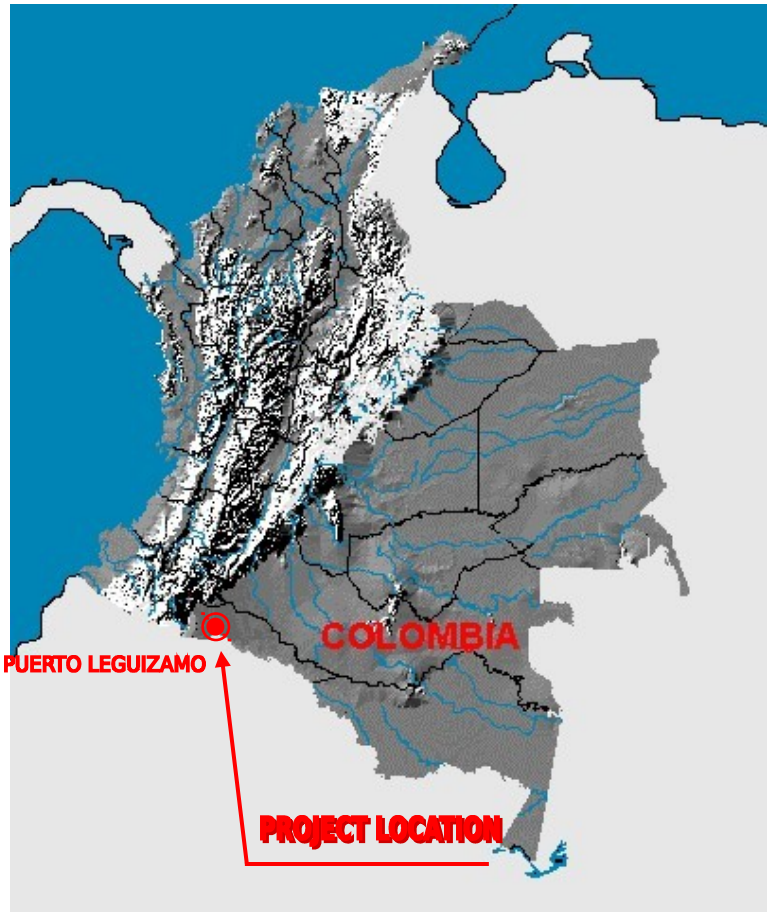
Celebrate Safety
4 th Quarter - FY - 03

Mobile District
Construction
Division
Colombia Resident
Office

Puerto Leguizamo- La Tagua Road
Putumayo, Colombia

E.E.I.I Ltda – Ingenieria Zar Ltda
(JV)

CELEBRATE SAFETY



CELEBRATE SAFETY

1. CATEGORY : Central & SouthAmerica SMALL

(<$1M)

2. CONTRACTOR : E.E.I.I. Ltda. – Ingeniería Zar Ltda. JV.

3. CONTR. ADDRESS : Cra. 32 # 98-57 Bogotá

4. SUBMITTING OFF: Colombia Resident Office-LATAM

5. CONTRACT No. : DACA01-00-D-0025 T.O. 08
6. CONTRACT TITLE: Puerto Leguizamo- La Tagua Road, Colombia.
7. CONTRACT AMOUNT : $ 396,323.00
8. PERCENT COMPLETE : 100 %
9. EXPECTED COMPL. DATE : March, 2003
10. MANHOURS TO DATE : 74,880
11. FREQUENCY RATE : 0
12. TEAM MEMBERS INVOLVED : OSCAR DIAZ (CQCM)
13. PE/QA NAME : JUAN PABLO QUINTERO
14. RESIDENT ENGINEER NAME : ROGER TORRES

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DESCRIPTION OF PROJECT

The scope of work is the construction of four sections of new lane in an existing rural road, which is actually only one lane road. Addittionally to the socioeconomic impact that the project has in the region, the project purpouse is the employment generation during its construction. That’s why the use of machinery and heavy equipment is restricted for the execution of works. This allows to hire as much people as it is possible.

Policies of our company

Complexity and hazard associated with the work
Advanced Planning
Management involvement
Employee involvement
Incentive Programs

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COMPLEXITY AND HAZARDS ASSOCIATED WITH THE WORK

- Wheather conditions. In this jungle area there are frequent strong rains, which last at least 2 hours. During these storms, it is common to have lightning and fast winds.

- Transport means are mobilizing on the existing lane close to the place where construction works are performed. (Workers are directly on the existing lane, what exposes them to tr

- It was necessary to improve drainage system due to often tropical rains.

- It is common that salvage cattle groups use to walk by the road (80 cows or more), what implies a great hazard to the workers.

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COMPLEXITY AND HAZARDS ASSOCIATED WITH THE WORK

- Transportation means: There is not a great availability for both river and road transport.

- Sand and gravel transport implies serious difficulties due to security problems because of guerrilla presence in that region. This is one of the biggest restrictions for supplying aggregates for the execution of the works.

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ADVANCED PLANNING

Particular features:

- Temporary facilities in each one of the sections of the road. We rent houses among the road because of security reasons, this way local population receives additional benefit form the project.

- As there are hazards associated with the salvage cattle movements, wokers were transported by trucks from the job site to the temporary facilitiies, among the road. Besides, we built barricades close to each of th

- Adequate signalization and PPE used.

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MANAGEMENT INVOLVEMENT

- Both firm owners and employees, as subcontractors take part in the definition of the safety measures to be taken for each particular feature of work. Therefore, all of them have a personal compromise with the recommendations established in the Safety Plan. Besides, measures to be taken in order to minimize the hazards, are fixed in the Bulletin Board periodically.

- Special emphasis is made during preparatory phases in the safety measures to minimize hazards. Activity Hazard Analysis is once more studied.

- During the execution of each particular feature of works, special attention is paid to the prevention safety measures. A program of awards is performed to improve safety behavior of workers.

- Once a particular feature of work is finished, in a safety meeting hazards are studied to improve the Hazard Analysis. Therefore, our safety program is constantly revised and improved.

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EMPLOYEE INVOLVEMENT

- Everyone who is somehow involved in the execution of a feature of work, including firm owners, participate in the analysis of hazards. From many workers we have received great ideas to improve our safety plans, as they are the directly involved in the execution of works and they know closely the procedures of performance.

- Following instructions from local population, high barricades were built so that salvage cattles could not see workers. This way animals did not become nervous, and therefore they carry on their way quietly.

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INCENTIVE PROGRAMS

- In our projects, we have scheduled Safety Meetings, in the monthly basis, in which our workers choose the best workmanship considering housekeeping and safety performance.

- There is a lottery for the best workmanship workers. The prize is something for their ho[illegible]os, fans, etc.

- This way we encourage a better safety behavior, the “Clean work” and the end the team belonging sense.